

LAMINATES PREPARED FROM RESIN IMPREGNATED FLEXIBLE GRAPHITE SHEETS

Abstract of the Disclosure

Laminates are prepared from resin-impregnated flexible graphite sheets. Impregnated sheets are calendered and layers of the calendered sheets, which may also be coated with a resin adhesive, are stacked into structures which optionally contains layers of metals or plastics. After curing at elevated temperature and pressure, 2500 psi and 150°C, the laminates form dense machinable structures suitable for uses such as electronic thermal management (ETM) devices.